FIG. 1

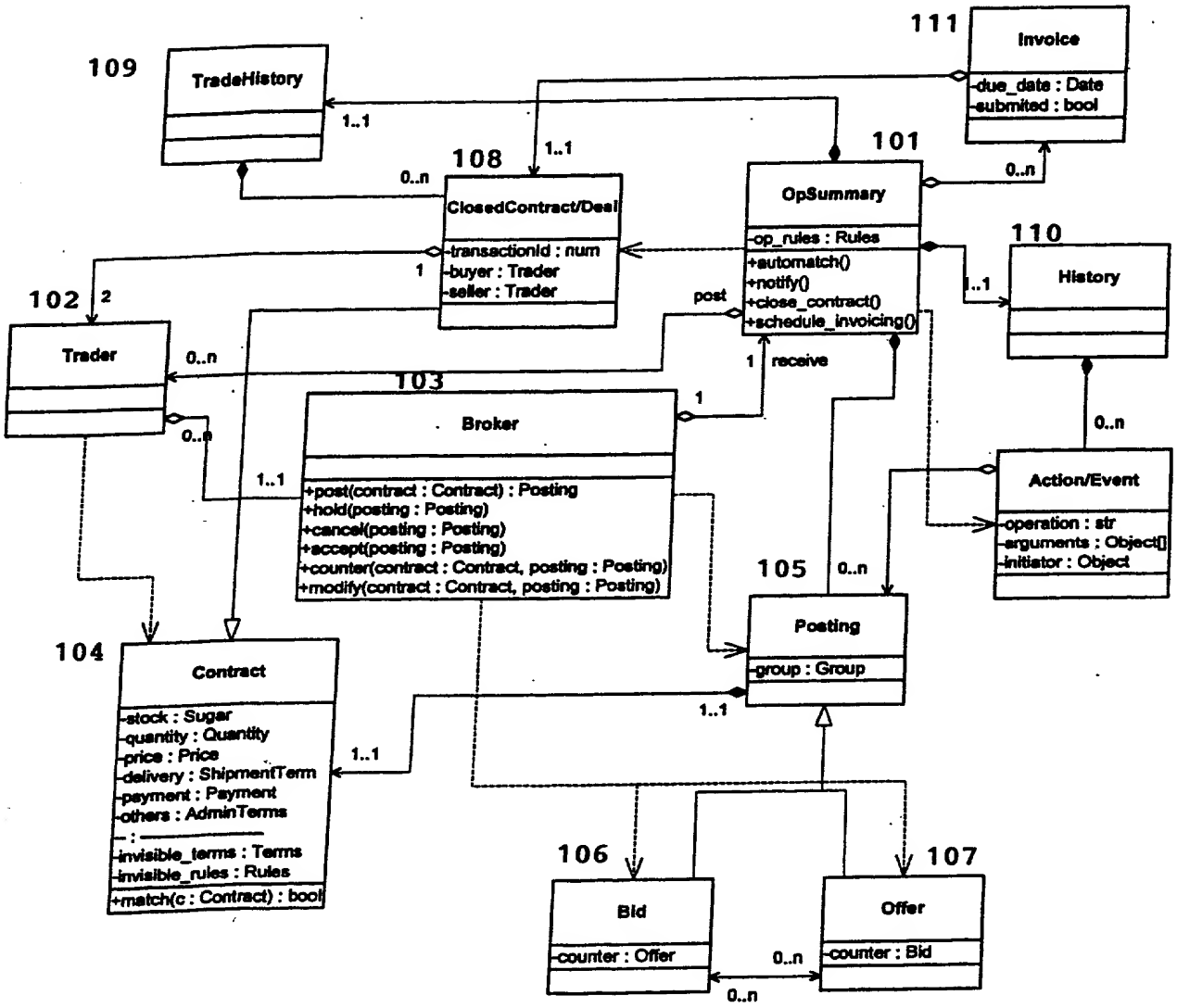

111
Invoice
-due_date : Date
-submited : bool
109
TradeHistory
1..1
1..1
108
0..n
ClosedContract/Deal
-transactionId : num
-buyer : Trader
-seller : Trader
1
101
OpSummary
-op_rules : Rules
+automatch()
+notify()
+close_contract()
+schedule_invoicing()
0..n
110
History
1..1
102
2
Trader
0..n
post
1
receive
103
Broker
1
0..n
1..1
+post(contract : Contract) : Posting
+hold(posting : Posting)
+cancel(posting : Posting)
+accept(posting : Posting)
+counter(contract : Contract, posting : Posting)
+modify(contract : Contract, posting : Posting)
Action/Event
-operation : str
-arguments : Object[]
-initiator : Object
105
0..n
Posting
-group : Group
1..1
104
Contract
-stock : Sugar
-quantity : Quantity
-price : Price
-delivery : ShipmentTerm
-payment : Payment
-others : AdminTerms
-invisible_terms : Terms
-invisible_rules : Rules
+match(c : Contract) : bool
1..1
106
107
Bid
-counter : Offer
Offer
-counter : Bid
0..n
0..n

FIG. 2

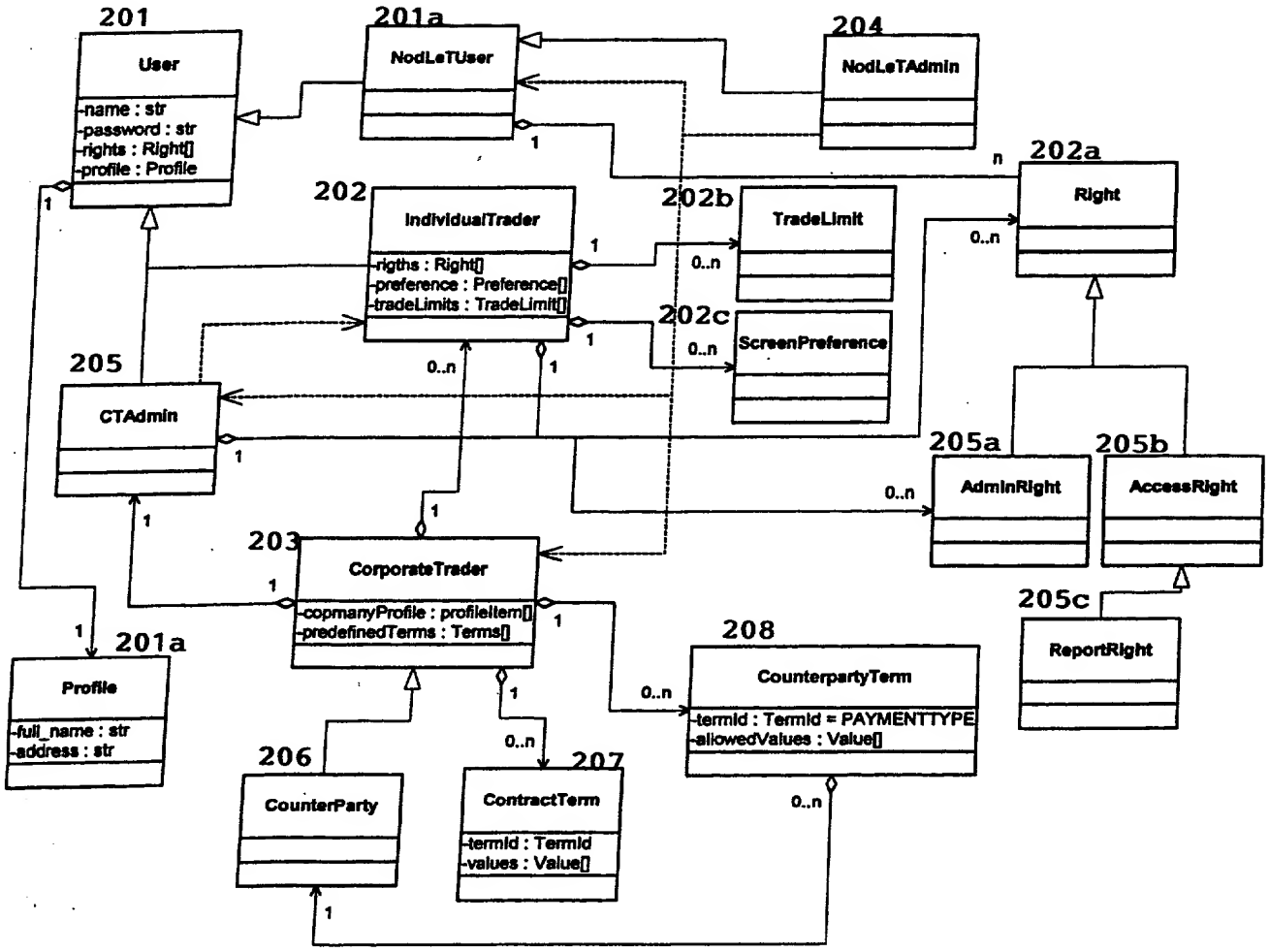
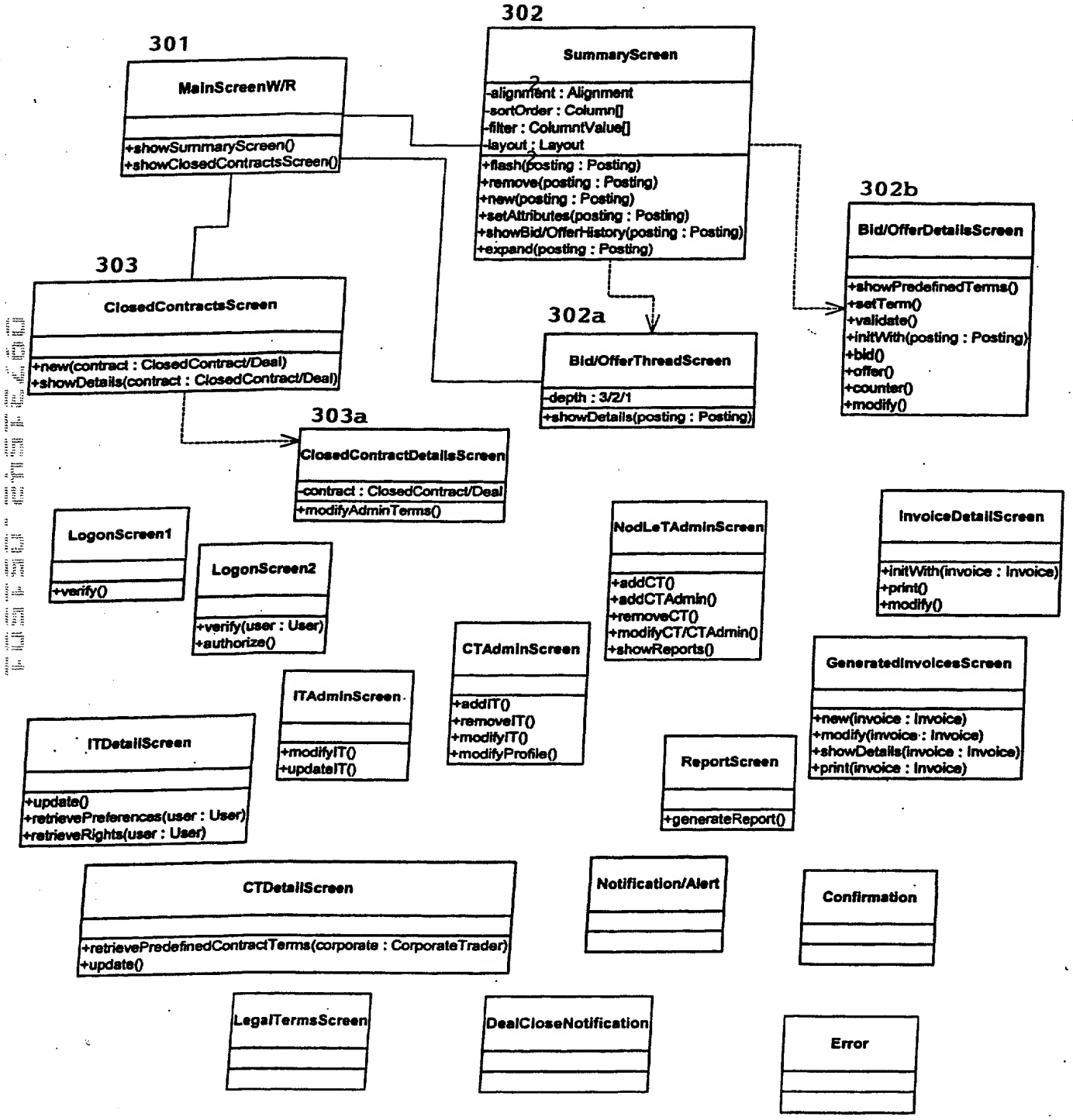

201
User
-name : str
-password : str
-rights : Right[]
-profile : Profile
201a
NodLeTUser
204
NodLeTAdmin
202
IndividualTrader
-rigths : Right[]
-preference : Preference[]
-tradeLimits : TradeLimit[]
202b
TradeLimit
202a
Right
202c
ScreenPreference
205
CTAdmin
205a
AdminRight
205b
AccessRight
205c
ReportRight
203
CorporateTrader
-copmanyProfile : profileItem[]
-predefinedTerms : Terms[]
201a
Profile
-full_name : str
-address : str
208
CounterpartyTerm
-termId : TermId = PAYMENTTYPE
-allowedValues : Value[]
206
CounterParty
207
ContractTerm
-termId : TermId
-values : Value[]
1
n
0..n

FIG. 3


301
MainScreenW/R
+showSummaryScreen()
+showClosedContractsScreen()
302
SummaryScreen
-alignment : Alignment
-sortOrder : Column[]
-filter : ColumntValue[]
-layout : Layout
+flash(posting : Posting)
+remove(posting : Posting)
+new(posting : Posting)
+setAttributes(posting : Posting)
+showBid/OfferHistory(posting : Posting)
+expand(posting : Posting)
302b
Bid/OfferDetailsScreen
+showPredefinedTerms()
+setTerm()
+validate()
+initWith(posting : Posting)
+bid()
+offer()
+counter()
+modify()
303
ClosedContractsScreen
+new(contract : ClosedContract/Deal)
+showDetails(contract : ClosedContract/Deal)
302a
Bid/OfferThreadScreen
-depth : 3/2/1
+showDetails(posting : Posting)
303a
ClosedContractDetailsScreen
-contract : ClosedContract/Deal
+modifyAdminTerms()
LogonScreen1
+verify()
LogonScreen2
+verify(user : User)
+authorize()
NodLeTAdminScreen
+addCT()
+addCTAdmin()
+removeCT()
+modifyCT/CTAdmin()
+showReports()
InvoiceDetailScreen
+initWith(invoice : Invoice)
+print()
+modify()
CTAdmInScreen
+addIT()
+removeIT()
+modifyIT()
+modifyProfile()
ITAdmInScreen
+modifyIT()
+updateIT()
GeneratedInvoicesScreen
+new(invoice : Invoice)
+modify(invoice : Invoice)
+showDetails(invoice : Invoice)
+print(invoice : Invoice)
ITDetailScreen
+update()
+retrievePreferences(user : User)
+retrieveRights(user : User)
ReportScreen
+generateReport()
CTDetailScreen
+retrievePredefinedContractTerms(corporate : CorporateTrader)
+update()
Notification/Alert
Confirmation
LegalTermsScreen
DealCloseNotification
Error

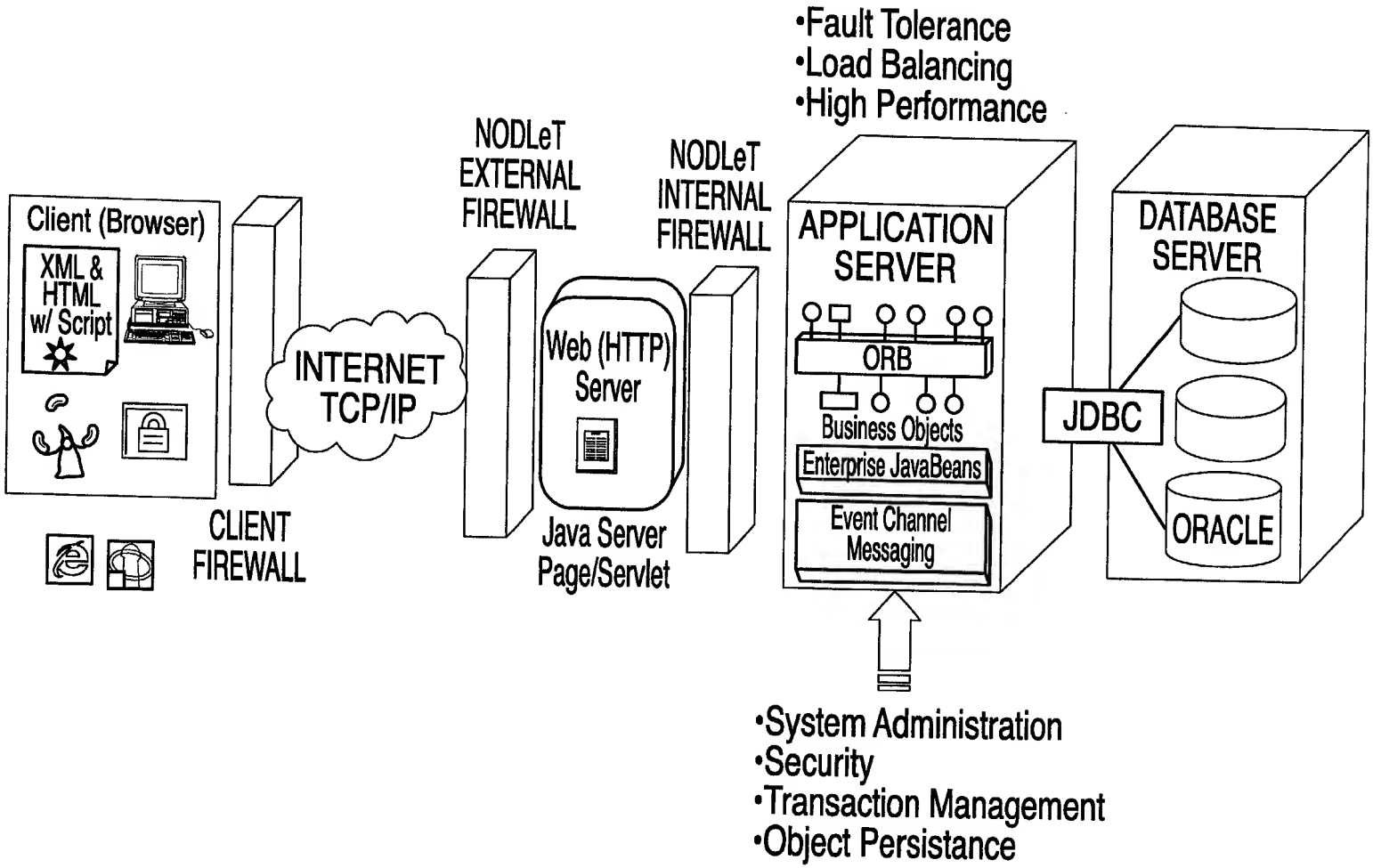

•Fault Tolerance
•Load Balancing
•High Performance
NODLeT EXTERNAL FIREWALL
NODLeT INTERNAL FIREWALL
Client (Browser)
XML & HTML w/ Script
INTERNET TCP/IP
Web (HTTP) Server
APPLICATION SERVER
DATABASE SERVER
ORB
Business Objects
Enterprise JavaBeans
Event Channel Messaging
JDBC
ORACLE
CLIENT FIREWALL
Java Server Page/Servlet
•System Administration
•Security
•Transaction Management
•Object Persistance

FIG. 4

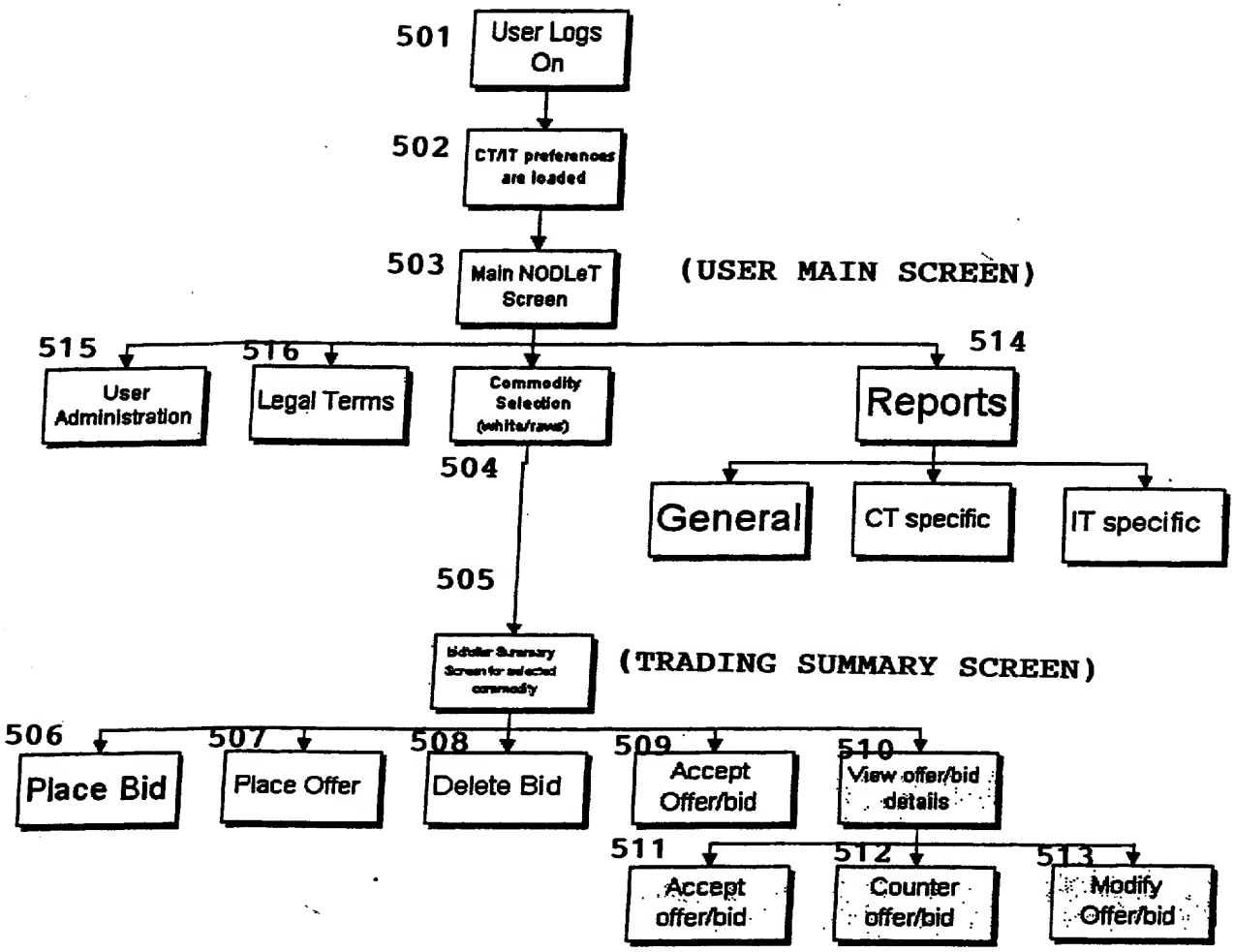

501
User Logs On
502
CT/IT preferences are loaded
503
Main NODLeT Screen
(USER MAIN SCREEN)
515
User Administration
516
Legal Terms
Commodity Selection (white/raw)
514
Reports
504
General
CT specific
IT specific
505
(TRADING SUMMARY SCREEN)
506
Place Bid
507
Place Offer
508
Delete Bid
509
Accept Offer/bid
510
View offer/bid details
511
Accept offer/bid
512
Counter offer/bid
513
Modify Offer/bid

FIG. 5

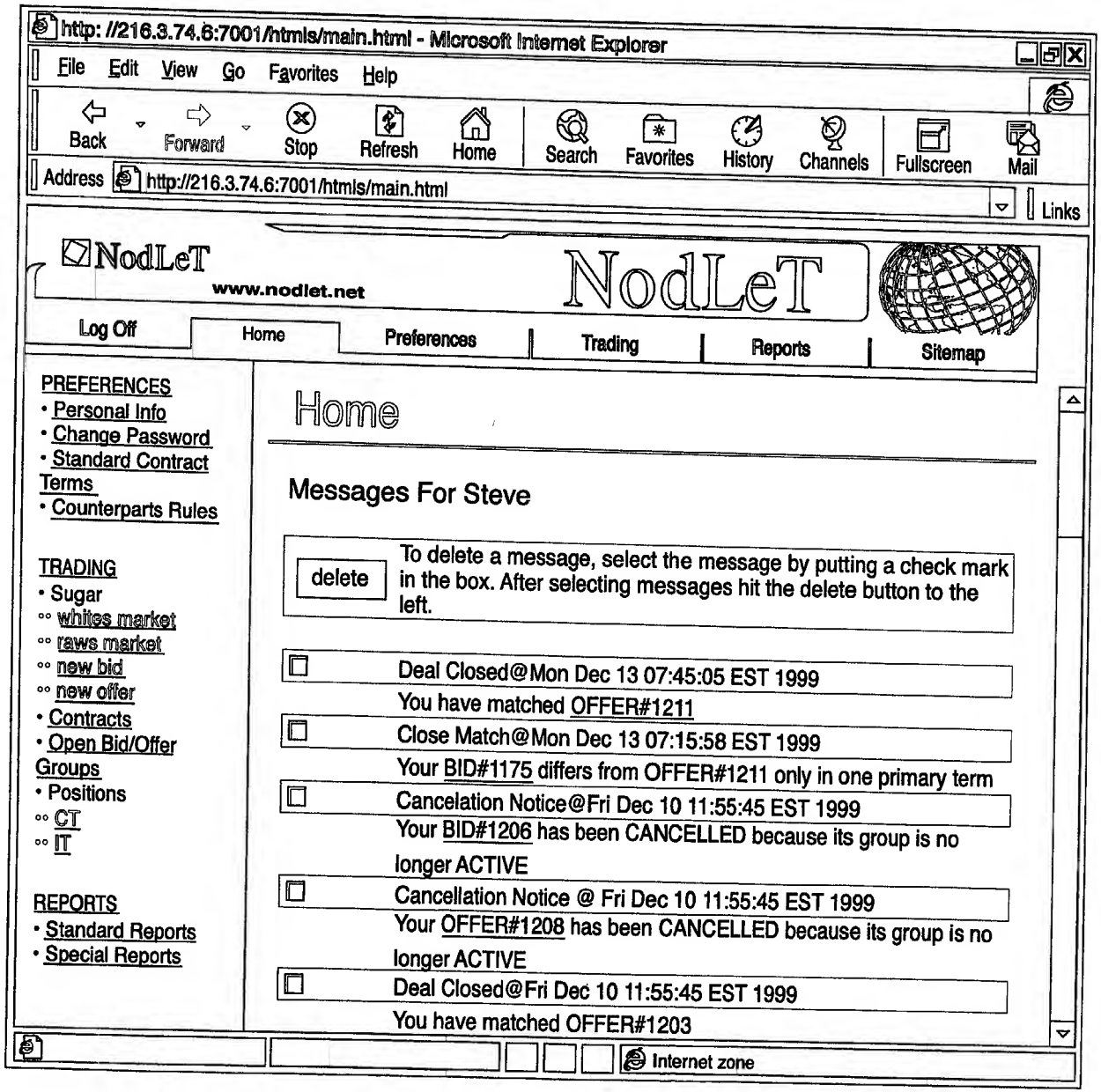

http: //216.3.74.6:7001/htmls/main.html - Microsoft Internet Explorer
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail
Address http://216.3.74.6:7001/htmls/main.html
Links
NodLeT
www.nodlet.net
NodLeT
Log Off
Home
Preferences
Trading
Reports
Sitemap
PREFERENCES
• Personal Info
• Change Password
• Standard Contract Terms
• Counterparts Rules
TRADING
• Sugar
°° whites market
°° raws market
°° new bid
°° new offer
• Contracts
• Open Bid/Offer Groups
• Positions
°° CT
°° IT
REPORTS
• Standard Reports
• Special Reports
Home
Messages For Steve
delete
To delete a message, select the message by putting a check mark in the box. After selecting messages hit the delete button to the left.
Deal Closed@Mon Dec 13 07:45:05 EST 1999
You have matched OFFER#1211
Close Match@Mon Dec 13 07:15:58 EST 1999
Your BID#1175 differs from OFFER#1211 only in one primary term
Cancelation Notice@Fri Dec 10 11:55:45 EST 1999
Your BID#1206 has been CANCELLED because its group is no longer ACTIVE
Cancellation Notice @ Fri Dec 10 11:55:45 EST 1999
Your OFFER#1208 has been CANCELLED because its group is no longer ACTIVE
Deal Closed@Fri Dec 10 11:55:45 EST 1999
You have matched OFFER#1203
Internet zone

FIG. 6

DOCKET ENTRY

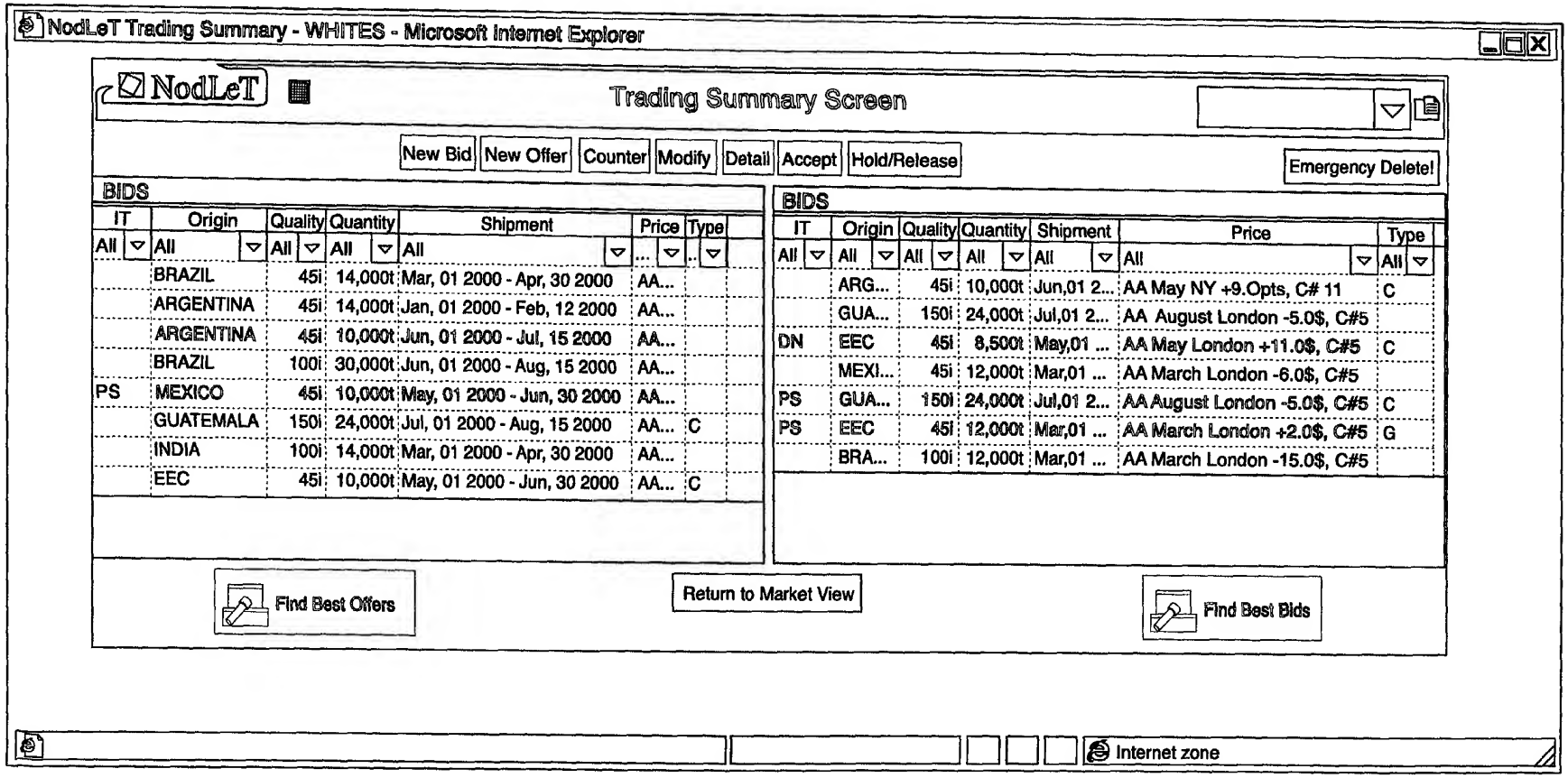


FIG. 7

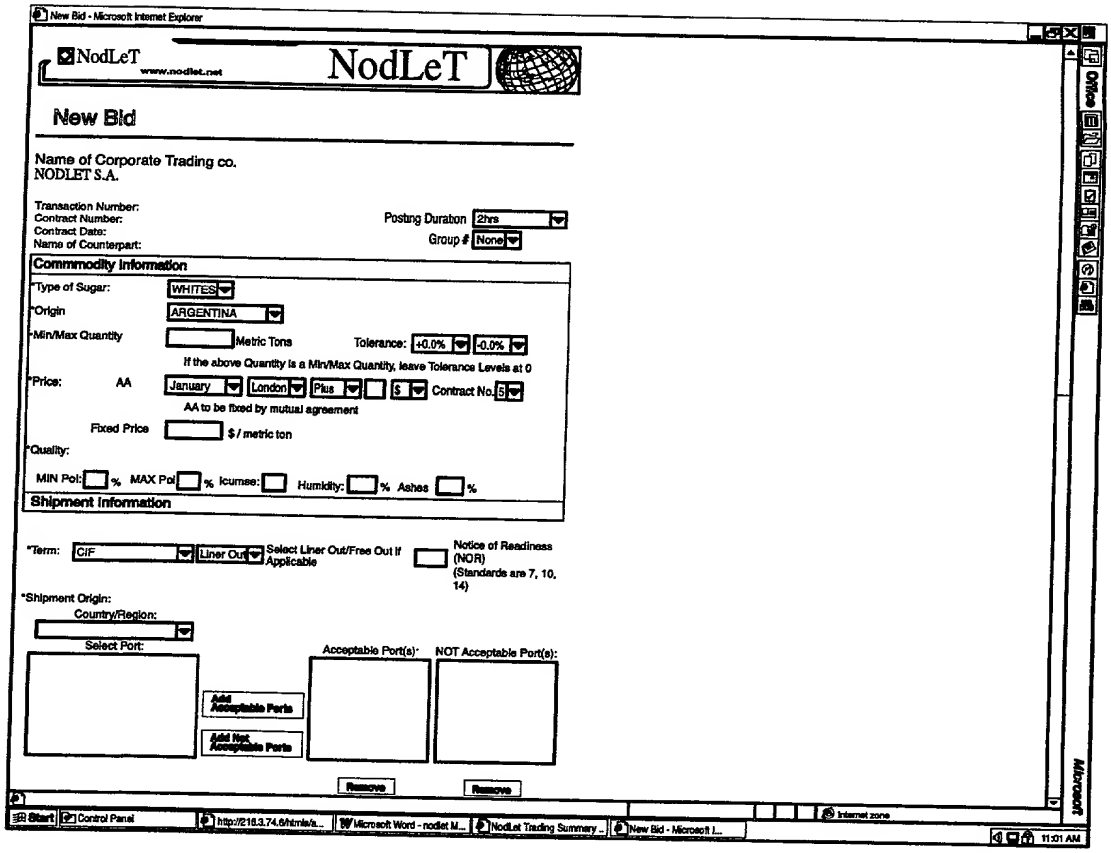

New Bid - Microsoft Internet Explorer
NodLeT
www.nodlet.net
NodLeT
New Bid
Name of Corporate Trading co.
NODLET S.A.
Transaction Number:
Contract Number:
Contract Date:
Name of Counterpart:
Posting Duration 2hrs
Group # None
Commmodity Information
*Type of Sugar: WHITES
*Origin ARGENTINA
*Min/Max Quantity Metric Tons Tolerance: +0.0% -0.0%
If the above Quantity is a Min/Max Quantity, leave Tolerance Levels at 0
*Price: AA January London Plus $ Contract No. 5
AA to be fixed by mutual agreement
Fixed Price $ / metric ton
*Quality:
MIN Pol: % MAX Pol % Icumse: Humidity: % Ashes %
Shipment Information
*Term: CIF Liner Out Select Liner Out/Free Out if Applicable
Notice of Readiness (NOR) (Standards are 7, 10, 14)
*Shipment Origin:
Country/Region:
Select Port:
Acceptable Port(s):
NOT Acceptable Port(s):
Add Acceptable Ports
Add Not Acceptable Ports
Remove
Remove
Start
Control Panel
Microsoft Word - nodlet M...
NodLet Trading Summary ..
New Bid - Microsoft I...
Internet zone
11:01 AM

FIG. 8A

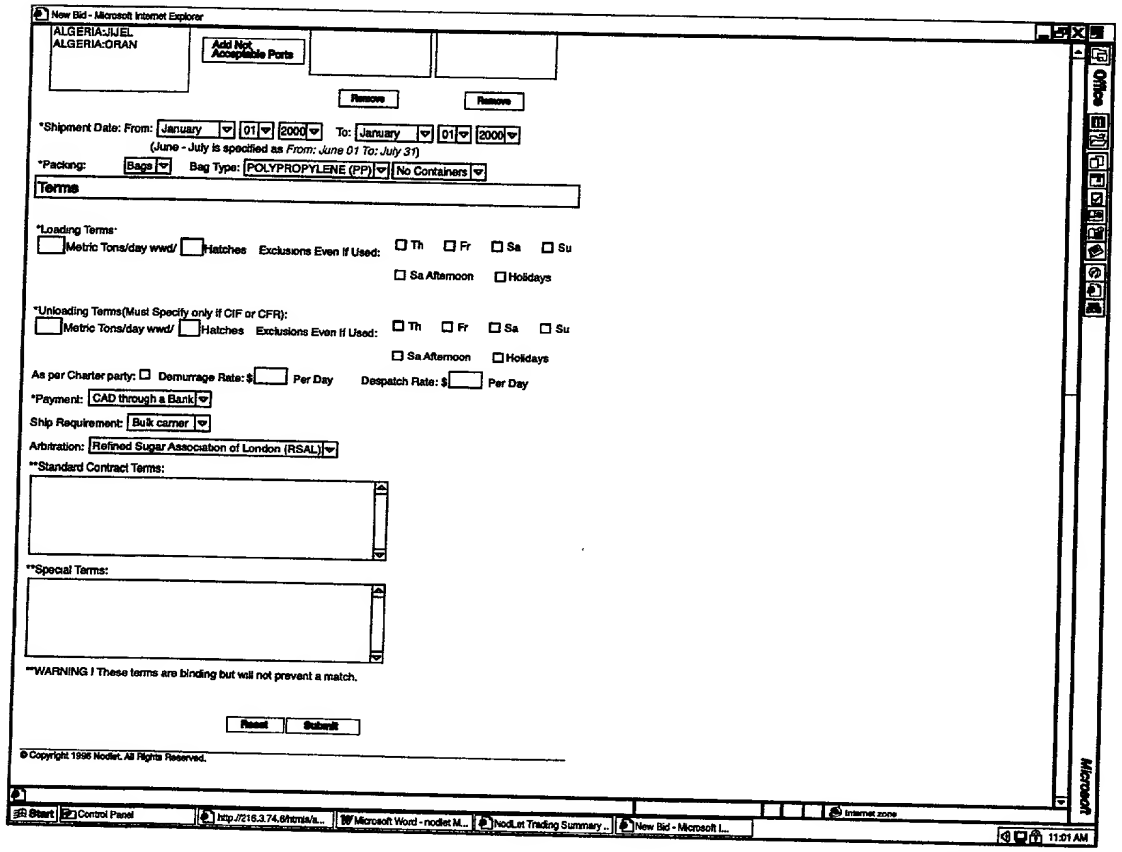

New Bid - Microsoft Internet Explorer
ALGERIA:JIJEL
ALGERIA:ORAN
Add Not Acceptable Ports
Remove
Remove
*Shipment Date: From: January 01 2000 To: January 01 2000
(June - July is specified as From: June 01 To: July 31)
*Packing: Bags Bag Type: POLYPROPYLENE (PP) No Containers
Terms
*Loading Terms:
Metric Tons/day wwd/ Hatches Exclusions Even If Used: Th Fr Sa Su
Sa Afternoon Holidays
*Unloading Terms(Must Specify only if CIF or CFR):
Metric Tons/day wwd/ Hatches Exclusions Even If Used: Th Fr Sa Su
Sa Afternoon Holidays
As per Charter party: Demurrage Rate: $ Per Day Despatch Rate: $ Per Day
*Payment: CAD through a Bank
Ship Requirement: Bulk carrier
Arbitration: Refined Sugar Association of London (RSAL)
**Standard Contract Terms:
**Special Terms:
**WARNING ! These terms are binding but will not prevent a match.
Reset
Submit
© Copyright 1998 Nodlet. All Rights Reserved.
Start
Control Panel
Microsoft Word - nodlet M...
NodLet Trading Summary ..
New Bid - Microsoft I...
Internet zone
11:01 AM

FIG. 8B

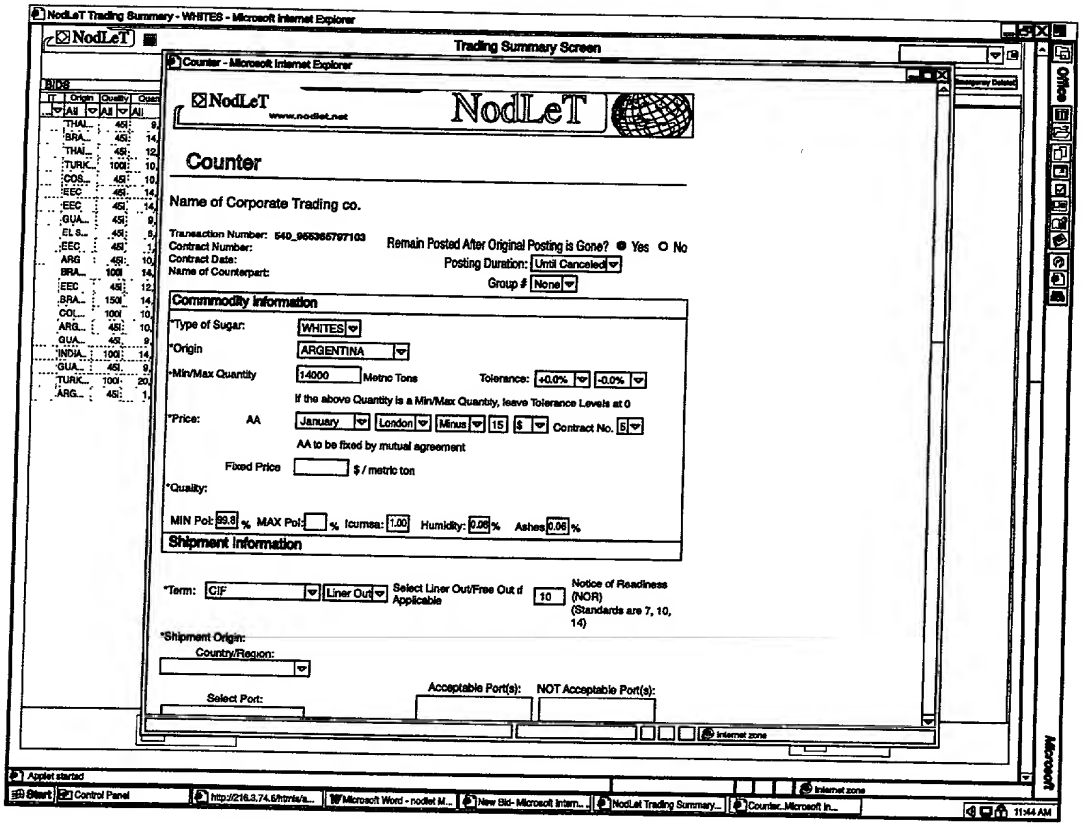

NodLeT Trading Summary - WHITES - Microsoft Internet Explorer
Trading Summary Screen
Counter - Microsoft Internet Explorer
NodLeT
Counter
Name of Corporate Trading co.
Transaction Number: 840_966366797103
Contract Number:
Contract Date:
Name of Counterpart:
Remain Posted After Original Posting is Gone? Yes No
Posting Duration: Until Canceled
Group # None
Commodity Information
*Type of Sugar: WHITES
*Origin ARGENTINA
*Min/Max Quantity 14000 Metric Tons Tolerance: +0.0% -0.0%
If the above Quantity is a Min/Max Quantity, leave Tolerance Levels at 0
*Price: AA January London Minus 15 $ Contract No. 5
AA to be fixed by mutual agreement
Fixed Price $ / metric ton
*Quality:
MIN Pol: 99.8 % MAX Pol: % Icumsa: 1.00 Humidity: 0.06 % Ashes: 0.06 %
Shipment Information
*Term: CIF Liner Out Select Liner Out/Free Out if Applicable 10 Notice of Readiness (NOR) (Standards are 7, 10, 14)
*Shipment Origin:
Country/Region:
Select Port:
Acceptable Port(s):
NOT Acceptable Port(s):

FIG. 9

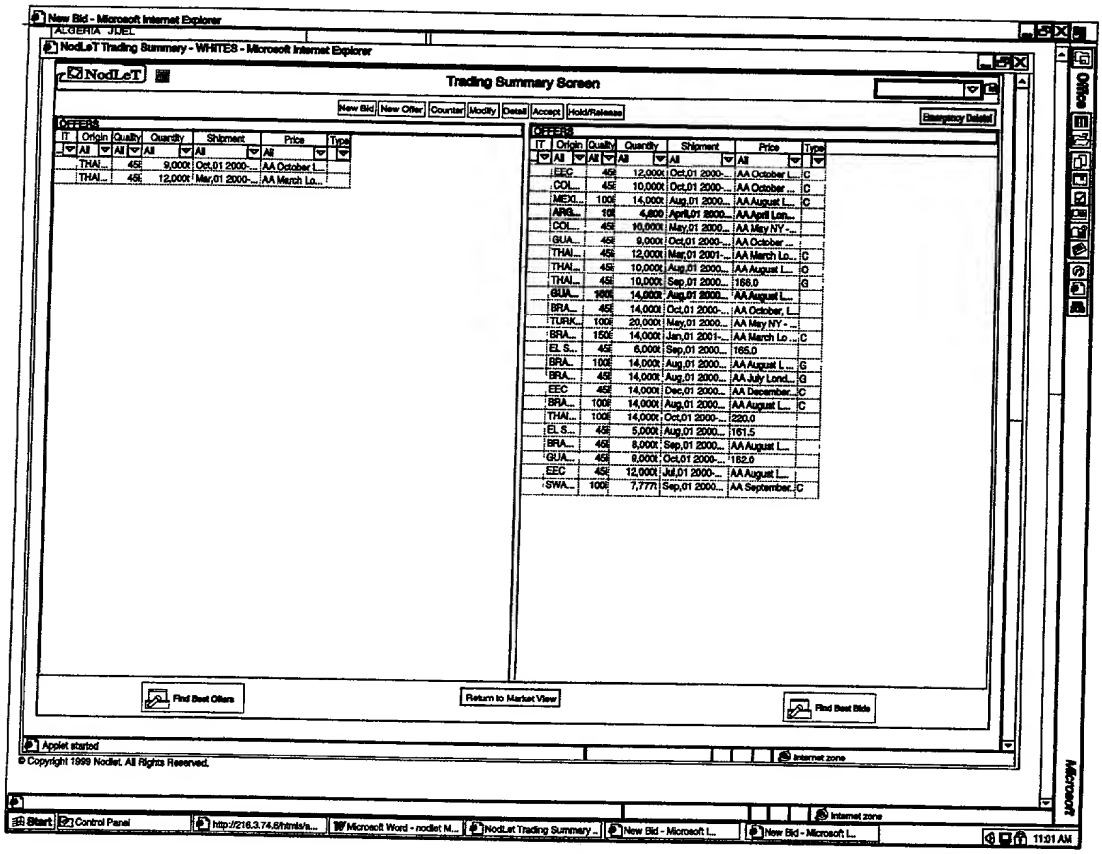

New Bid - Microsoft Internet Explorer
NodLeT Trading Summary - WHITES - Microsoft Internet Explorer
Trading Summary Screen
New Bid
New Offer
Counter
Modify
Detail
Accept
Hold/Release
Emergency Delete!
Offers
Bids
Find Best Offers
Return to Market View
Find Best Bids
Applet started
© Copyright 1999 Nodlet. All Rights Reserved.

FIG. 10